

ABSTRACT OF THE DISCLOSURE

A radial winding stator structure for a single phase motor is composed of plural silicon steel sheets that are stacked together and have the same structure. Each of the silicon steel sheets includes a hub and six poles. Each pole is radially extended from a circumference of the hub to form a radially extended portion, and tangentially expanded at a terminal of the
5 radially extended portion to form a tangentially extended portion. The hub and the poles are one-piece made, the radially extended portions of each of the poles are stacked to form a pole bobbin of the radial winding stator structure, the tangentially extended portions of each of the poles are stacked to form a pole surface of the radial winding stator structure, and an
10 electrically conductive wire is wound around all of the pole bobbins.